

TABLE 9.1

CLIMATIC ZONE 99

No-till C Factors - High production (Corn 150 bu, Soybean 45 bu)

Corn W/Manure after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn	.085	.07	.056	.048	.04	.033				.132	.10	.08	.065	.054				
Corn Silage w/cover	.168	.11	.08	.058	.048					.19	.14	.11	.088	.07				
Corn Silage	.16	.14								.243								
Soybeans	.15	.122	.104							.172	.141	.123						

Soybeans W/Manure after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn	.10	.08	.06	.052	.044	.034				.17	.13	.10	.08	.068				
Corn Silage w/cover	.20	.14	.11	.088	.07					.21	.15	.12	.094	.075				
Corn Silage	.231									.231								

Corn Silage W/Manure after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn	.11	.09	.065	.058	.045	.038				.18	.14	.11	.09	.08				
Corn Silage	.20									.257								
Soybeans	.175	.14	.12							.203								

Corn Silage W/Manure And Cover after	Manure Knifed in with narrow shank									Manure knifed in with 40% disturbance								
	10	20	30	40	50	60	70	80	90	10	20	30	40	50	60	70	80	90
Corn	.075	.055	.042	.035	.028	.022	.019			.13	.095	.075	.06	.049	.04			
Soybeans	.15	.11	.09	.074						.17	.135	.12						

* All rotations include a manure application prior to planting the current crop.